Precision Heating Incubator IP-1050 (110V/60Hz)



Iris laboratory incubators are designed to provide an optimal environmental for growing and storing bacteria, microorganisms, cells, tissue, paraffin, media and various other samples used in cultivation of microorganisms industries, healthcare, biotechnology, agriculture, molecular biology and forensics labs

The IP-1050 Precision LCD Heating Incubator ensure the viability of your research by providing long-term, optimum performance with improved temperature uniformity and stability.

The IP-1050 is built in with mechanical convection which utilises a fan to force heated air throughout the inside of the chamber. This air flow transfers heat equally ensuring a uniform temperature throughout the chamber.

- Precision LCD microcomputer intelligent PID control system, with temperature control, timing and over-temperature alarm, with RS485 computer interface.
- Portable integrated data printer
- intelligent programmable temperature controller
- independent limit of the temperature controller
- Microcomputer communications software
- With standard international brands cooling fan, maintenance-free, durability. Perfect combination of duct design to ensure temperature uniformity for the working chamber;
- Mirror stainless steel inner, anti-acid, anti-corrosion characteristics. Corners semi-circular is easy to clean, up and down pitch adjustable shelf;
- Electric film heating elements made of carbon fibre, with advanced cavity preheating, the cavity temperature to reduce temperature fluctuations.

Technical Specification:

Model	IP-1050
Control System	Microprocessor PID
Temperature Range (℃)	RT+3℃ ~ 65℃
Interior Volume (L)	50
Interior Volume (Cubic feet)	1.6
Temperature Accuracy （℃）	±0.1℃
Temperature Stability (℃)	±0.5 （in the of range 3～50℃）
Temperature Uniformity (℃)	1% （in the of range 3～50℃）
Temperature Fluctuation （℃）	±0.5 （in the of range 3～50℃）
Convection Mode	Forced Convection
Internal Dimension (HxWxD) cm	380 x 380 x 350 mm
Timer Range	0～999min
Working Environment	Ambient temperature 10~30℃; Humidity less than 70%
Insulation Materials	High quality environmental protection type material
External Dimensions (H×W×D) cm	580 x 530 x 600 mm
Interior Steel Materials	SUS304 stainless steel inner
Net Weight (kg)	31
Shipping Weight (kg)	34
Power （W）	300
Electrical Requirements	110V/60Hz
Catalogue No.	3600505-1

Technical Data:

Model	IS-1050		IS-1080		IS-1160	
Interior Volume (L)	50		80		160	
Interior Volume (Cubic feet)	1.6		2.8		5.6	
Convection Mode	Forced Convection					
Control System	Microprocessor PID					
Temp. Range ???	RT+3? ~ 65?					
Temp. Accuracy???	±0.1?					
Temp. Fluctuation ???	±0.5?in the of range 3?50??					
Temp. Uniformity	1%?in the of range 3?50??					
Internal Dimensions (H×W×D) mm	380*380*350		480*480*350		600*600*450	
External Dimensions (H×W×D) mm	580*530*600		680*630*600		800*750*700	
Timer Range	0?999min					
Working environment	Ambient temperature?10~30?, Humidity<70%					
Insulation materials	High Quality environmental protection type material					
Interior steel materials	SUS304 stainless steel inner					
The number of standard tray	2					
Power?W?	0.3		0.3		0.45	
Net weight (KG)	31		42		57	
Shipping weight (KG)	34		45		61	
Packing size ?H×W×D? mm	700*610*680		800*710*680		920*830*780	
Electrical Requirements	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Catalogue Number	3600505-1	3600505-2	3600510-1	3600510-2	3600515-1	3600515-2



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